

## **Magnetic Bouncing Ball and Target Game**

### **Abstract of the Invention**

A magnaball toy is advantageously formed from an embedded spherical rare earth magnet (e.g., NdFeB, SmCo, AlNiCo, etc.) placed within an elastopolymer shell. A pair of balls may be dropped from about a meter and have a high probability of sticking together as they bounce. In some applications, allowing for free rotation of a spherical magnet inside the ball allows for a predictable attractive behavior of the ball. This feature brings various novel gaming aspects to the magnaball toy.